

Appendix table 5-39.

Recent doctorate holders in academia with Federal support, by field: 1973–99
 (Percentages)

Year	One to three years since Ph.D.				Four to seven years since Ph.D.			
	Total employed	Full-time faculty	Other full-time	Postdoc position	Total employed	Full-time faculty	Other full-time	Postdoc position
S&E total								
1973	47.2	35.5	77.8	89.8	47.3	45.0	76.3	93.4
1975	44.2	31.1	58.3	87.8	42.5	40.0	66.2	83.2
1977	44.5	28.8	61.2	87.0	42.2	37.8	71.6	85.3
1979	47.2	29.6	58.9	86.6	43.0	37.4	67.3	83.1
1981	51.0	30.8	63.1	87.9	46.5	41.2	64.8	86.9
1983	50.2	33.7	59.0	86.1	50.1	45.3	68.1	84.8
1985	43.2	23.9	59.3	79.1	42.4	36.2	63.3	81.0
1987	53.3	36.7	56.1	82.0	54.8	49.7	71.6	84.2
1989	57.2	38.7	58.7	84.7	57.8	53.5	70.0	89.1
1991	53.6	38.3	56.6	83.8	57.4	53.4	66.6	88.7
1993	43.5	20.8	43.7	80.7	41.1	34.0	46.8	87.3
1995	47.0	23.2	40.1	78.5	43.9	36.1	52.0	86.0
1997	45.3	21.0	42.4	74.1	41.9	33.7	49.6	78.5
1999	52.8	28.8	45.5	79.5	47.4	41.4	46.6	83.3
Physical sciences								
1973	61.6	33.6	78.9	90.9	47.6	42.2	82.9	99.2
1975	64.1	27.9	60.7	93.2	43.8	36.6	77.3	85.1
1977	63.2	28.9	95.7	88.5	51.6	40.5	77.5	92.4
1979	59.1	25.5	73.7	84.7	52.0	39.0	72.1	91.7
1981	69.3	25.2	94.3	88.1	57.9	49.4	84.5	97.9
1983	70.4	33.8	82.7	88.2	66.2	56.3	85.3	84.8
1985	64.3	18.7	86.6	84.6	50.8	35.7	78.7	91.4
1987	80.9	66.7	69.9	90.2	68.7	56.0	97.1	93.1
1989	77.9	49.2	82.1	88.0	72.4	61.9	89.0	90.6
1991	69.9	44.1	78.8	87.2	67.2	55.1	88.5	100.0
1993	63.1	21.3	64.9	84.5	58.2	43.9	70.0	94.5
1995	62.8	21.0	41.9	84.1	53.9	37.8	60.2	86.7
1997	64.2	30.0	71.4	77.7	53.4	41.2	67.9	96.5
1999	68.0	39.3	69.9	80.5	57.0	46.7	65.5	89.4
Mathematics								
1973	18.9	17.6	77.4	38.7	31.7	32.0	0.0	100.0
1975	14.5	13.0	37.6	28.3	18.9	18.5	0.0	57.9
1977	16.2	12.2	45.9	56.4	19.2	17.6	82.0	52.2
1979	24.8	22.5	52.9	42.5	32.3	30.2	64.9	46.9
1981	10.8	9.5	0.0	44.1	29.7	27.6	62.7	81.5
1983	31.8	29.8	7.1	73.4	39.8	39.8	51.3	100.0
1985	14.7	14.1	—	34.6	27.0	26.8	26.7	100.0
1987	15.6	7.4	81.8	37.6	34.9	35.5	7.3	10.3
1989	29.1	24.9	53.8	52.4	39.0	39.1	78.6	100.0
1991	39.8	35.8	54.9	80.4	28.3	28.6	40.9	—
1993	15.7	14.8	0.0	100.0	15.2	14.0	100.0	—
1995	17.7	13.4	0.0	40.0	25.6	19.6	42.4	70.6
1997	14.9	3.5	29.1	32.9	16.7	14.9	0.0	42.2
1999	36.4	24.0	0.0	58.7	32.2	33.5	0.0	47.2
Computer sciences								
1973	NA	NA	NA	NA	NA	NA	NA	NA
1975	NA	NA	NA	NA	NA	NA	NA	NA
1977	NA	NA	NA	NA	NA	NA	NA	NA
1979	34.8	25.0	—	57.1	—	—	—	—
1981	27.7	24.1	25.0	100.0	52.4	52.4	—	—
1983	45.7	35.1	60.0	100.0	43.5	40.4	92.3	—
1985	54.1	46.4	77.2	0.0	36.7	31.0	100.0	—
1987	47.2	46.3	42.0	100.0	73.2	66.3	100.0	0.0
1989	33.0	29.3	50.0	100.0	70.8	78.0	35.7	100.0
1991	23.1	23.1	25.1	—	66.2	63.9	100.0	100.0
1993	44.7	39.5	100.0	100.0	30.7	30.9	27.3	100.0
1995	38.2	31.4	61.1	75.9	38.1	38.3	23.9	—
1997	40.5	29.7	74.3	97.0	40.4	37.7	75.6	—
1999	59.7	50.6	77.5	100.0	56.6	56.5	85.9	—

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 5-39.

Recent doctorate holders in academia with Federal support, by field: 1973–99
 (Percentages)

Year	One to three years since Ph.D.				Four to seven years since Ph.D.			
	Total employed	Full-time faculty	Other full-time	Postdoc position	Total employed	Full-time faculty	Other full-time	Postdoc position
Earth, atmospheric, and ocean sciences								
1973	55.3	45.9	87.5	87.1	56.4	53.7	87.3	100.0
1975	50.7	38.4	85.3	74.2	54.0	49.8	97.0	100.0
1977	44.3	22.5	60.5	94.4	46.9	38.3	82.1	100.0
1979	67.2	41.3	97.3	96.7	49.6	43.1	72.3	100.0
1981	66.1	43.2	79.7	100.0	57.2	53.3	72.7	0.0
1983	61.8	36.7	75.7	92.8	64.5	59.5	100.0	66.7
1985	56.0	33.4	83.9	96.4	59.6	50.6	81.2	100.0
1987	64.2	42.3	87.9	89.6	71.1	61.9	88.9	100.0
1989	70.4	52.8	88.5	90.1	81.2	78.0	92.9	93.8
1991	76.0	61.7	100.0	77.4	76.6	75.3	100.0	64.1
1993	68.2	33.0	97.8	74.2	59.9	50.2	72.6	100.0
1995	65.4	35.8	87.4	88.0	66.4	58.9	86.2	100.0
1997	67.3	35.0	74.7	94.2	57.1	49.4	70.7	69.4
1999	61.7	42.9	89.7	79.8	65.3	62.7	75.6	55.5
Life sciences								
1973	64.6	51.4	83.2	92.9	62.9	60.4	80.3	90.6
1975	61.8	46.4	72.5	87.6	60.1	57.6	76.2	87.5
1977	61.6	38.1	70.4	88.9	59.6	56.6	73.3	90.2
1979	65.9	40.6	75.8	85.9	57.3	51.4	76.5	84.2
1981	71.8	51.7	76.5	88.1	64.0	58.8	70.8	85.7
1983	68.2	52.8	65.1	84.7	67.1	64.5	72.6	83.7
1985	59.6	34.1	67.2	78.9	61.1	55.6	72.3	81.7
1987	70.2	53.5	73.8	82.1	71.4	68.3	81.0	83.0
1989	74.5	50.2	79.3	89.1	71.9	67.5	79.1	89.3
1991	68.1	49.9	60.0	83.0	70.6	66.8	79.2	86.3
1993	61.2	32.2	44.8	81.9	55.7	46.4	52.0	86.7
1995	58.5	30.3	35.3	80.3	54.0	43.9	47.4	87.4
1997	58.3	23.0	42.2	77.5	52.3	42.4	48.4	78.8
1999	65.0	35.0	46.2	82.4	57.2	47.2	49.3	83.0
Psychology								
1973	37.5	31.4	60.8	95.3	40.3	39.3	63.9	88.2
1975	35.0	25.5	53.7	88.5	35.3	34.9	32.8	71.2
1977	35.3	26.8	71.7	86.0	31.5	27.9	60.5	73.0
1979	35.2	22.5	22.2	95.5	39.3	31.4	76.5	87.6
1981	46.5	33.2	41.6	93.4	34.7	28.6	54.5	88.2
1983	31.2	19.8	34.2	89.3	32.3	28.2	37.1	87.2
1985	30.6	15.6	44.5	70.1	29.2	26.2	38.7	72.5
1987	37.5	28.5	28.8	82.7	33.2	25.6	40.3	97.9
1989	41.7	34.6	36.1	64.9	36.1	36.7	33.1	63.1
1991	35.9	23.9	24.3	100.0	38.8	38.6	24.8	86.9
1993	21.6	12.0	27.5	61.6	23.2	24.6	15.5	48.2
1995	33.5	17.5	40.6	63.5	26.1	21.8	36.0	82.1
1997	34.5	24.2	19.0	70.9	29.5	22.3	36.4	77.3
1999	33.4	22.4	29.9	63.6	35.6	34.7	23.8	100.0
Social sciences								
1973	26.8	25.7	68.0	23.9	30.8	30.5	40.3	100.0
1975	23.1	22.5	29.0	61.7	26.2	26.2	42.4	39.2
1977	24.8	24.2	12.3	61.4	24.6	23.2	56.3	48.0
1979	26.6	22.8	37.6	97.5	20.8	19.2	52.2	70.8
1981	20.4	16.3	48.7	56.0	24.3	24.3	25.2	60.0
1983	28.2	23.6	49.0	77.9	28.1	23.6	57.5	93.8
1985	15.6	12.3	27.8	44.4	19.3	15.7	51.0	41.0
1987	22.5	20.9	34.5	21.4	29.9	27.7	54.0	0.0
1989	25.6	24.7	24.3	41.9	33.2	31.6	51.4	83.9
1991	21.7	19.5	38.8	31.7	36.6	33.8	44.2	100.0
1993	11.2	7.2	25.4	88.2	14.9	14.4	21.9	100.0
1995	15.9	10.7	28.8	80.8	17.8	16.0	41.8	49.8
1997	14.1	10.9	26.8	33.7	17.4	15.6	26.3	57.7
1999	21.1	15.2	26.1	77.1	22.8	21.7	31.3	48.1

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 5-39.

Recent doctorate holders in academia with Federal support, by field: 1973–99
 (Percentages)

Year	One to three years since Ph.D.				Four to seven years since Ph.D.			
	Total employed	Full-time faculty	Other full-time	Postdoc position	Total employed	Full-time faculty	Other full-time	Postdoc position
Engineering								
1973	53.4	47.8	80.2	87.1	52.6	51.8	92.0	66.7
1975	53.7	48.9	65.8	83.8	54.4	53.1	82.3	100.0
1977	55.2	47.2	84.8	72.9	52.9	52.3	64.8	64.9
1979	55.5	48.5	71.9	99.4	55.1	58.8	33.8	16.9
1981	54.4	43.2	100.0	100.0	65.6	61.9	83.9	100.0
1983	47.1	36.7	58.2	98.3	64.3	62.2	99.0	100.0
1985	43.9	37.8	66.1	94.5	47.6	46.3	66.4	0.0
1987	53.3	43.7	79.2	75.7	65.5	64.2	97.6	100.0
1989	56.0	48.9	71.9	73.3	70.8	68.6	91.8	100.0
1991	66.6	62.1	67.7	89.9	73.2	73.0	79.7	100.0
1993	43.4	32.1	65.1	68.7	51.2	49.4	65.9	70.3
1995	51.1	38.5	50.3	72.6	62.1	60.3	72.5	86.5
1997	50.0	35.5	66.4	66.3	51.3	48.4	62.5	60.5
1999	58.5	40.0	70.9	78.1	55.5	56.4	44.8	94.2

— = Too few cases; NA = not available

NOTE: 1985, 1993–97 are not comparable to the other years and understate the degree of Federal support by asking whether work performed during the week of April 15 was supported by the Government. In other years, the question pertains to work conducted over the course of a year. Italics are used to highlight noncomparable values. Foreign-earned doctorates are excluded.

SOURCE: National Science Foundation, Division of Science Resources Statistics (NSF/SRS), Survey of Doctorate Recipients.

See text table 5-14 in Volume I.

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